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PTO/SB/21 (08-00)


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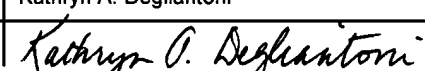
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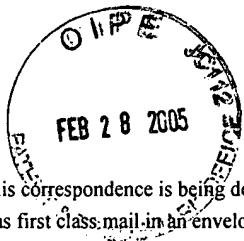
<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing) FEB 28 2005	<b>Application Number</b>	10/044,899	
	<b>Filing Date</b>	January 9, 2002	
	<b>First Named Inventor</b>	ABBOTT, Nicholas L.	
	<b>Group Art Unit</b>	1639	
	<b>Examiner Name</b>	Celsa, Bennett M.	
<b>Total Number of Pages in This Submission</b>	23	<b>Attorney Docket Number</b>	061818-5002-US04

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
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<b>Firm and Individual name</b>	Morgan, Lewis & Bockius LLP Todd Esker Reg No. 46,690
<b>Signature</b>	
<b>Date</b>	February 22, 2005

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<b>Signature</b>		<b>Date</b> February 22, 2005

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On February 22, 2005

MORGAN, LEWIS and BOCKIUS LLP

By: Kathryn A. Degliantoni

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

NICHOLAS L. ABBOTT, *et al.*

Application No.: 10/044,899

Filed: January 9, 2002

For: OPTICAL AMPLIFICATION OF  
MOLECULAR INTERACTIONS USING  
LIQUID CRYSTALS

Customer No.: 43850

Confirmation Number: 3817

Examiner: Celsa, Bennett M.

Technology Center/Art Unit: 1639

RESPONSE TO NOTICE OF NON-  
COMPLIANT AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice of Non-Compliant Amendment dated Jan. 19, 2005, please enter the following amendments and remarks. Since the one-month Response deadline for this Notice (Feb. 19, 2005) was a Saturday, and the following Monday was President's Day, a Federal Holiday, please consider this Tuesday, Feb. 22, 2005, filing as timely.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 19 of this paper.